

ABSTRACT OF THE DISCLOSURE

A motor control device includes an electric voltage command value calculation means for inputting an electric current command value every control cycle, calculating an electric current deviation integrated value by integrating an electric current deviation between the electric current command value and an actual electric current value at a coil of a motor, and calculating an electric voltage command value in accordance with the electric current deviation integrated value. The electric voltage command value calculation means controls the electric current deviation integrated value not to exceed a saturation electric voltage value, a value according to the maximum value of the electric voltage outputted from the inverter circuit to the motor.